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July 22, 2004
Elaine K. Mistretta
Elaine K. Mistretta

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. Appln. No. 10/806,675
(Attorney's Docket No. GP-303624)

Filed: March 23, 2004
Confirmation No. 1150

Pei-Chung Wang et al.

Art Unit: Unknown

METAL TRANSFER IN ARC WELDING

Examiner: Unknown

REQUEST/PETITION ACCOMPANYING
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Applicant(s) requests (petitions) the Examiner to consider and make of record the reference(s) and/or information on attached PTO 1449.

CHECK ONE: (A, B, or C.)

☒ A. This statement is submitted under 37 CFR 1.97(b) within 1) three months after the filing date (even if after the first action); or 2) before the mailing date of a first Office Action. No fee, petition or certification is required.

☐ B. This statement is submitted under 37 CFR 1.97(c) after the period specified in paragraph A, but before Final Office Action or Notice of Allowance.

CHECK ONE: (1, 2, or 3)

☐ 1. I certify that each item of information contained in the attached material was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or

☐ 2. I certify that no item of information contained in the attached material was cited in a communication from a foreign patent office in a counterpart foreign application, and to my knowledge, after making reasonable inquiry, no item of information contained in the attached material was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Statement; or

☐ 3. Charge a petition fee of \$180.00 to General Motors Deposit Account No. 07-0960.

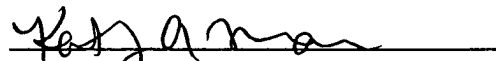
☐ C. This statement is submitted under 37 CFR 1.97(d) after a Final Office Action or Notice of Allowance, but before payment of the issue fee. Charge a petition fee of \$180.00 to General Motors Deposit Account No. 07-0960.

CHECK ONE: (1 or 2)

☐ 1. I certify that each item of information contained in the attached material was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or

☐ 2. I certify that no item of information contained in the attached material was cited in a communication from a foreign patent office in a counterpart foreign application, and to my knowledge, after making reasonable inquiry, no item of information contained in the attached material was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Statement.

Respectfully submitted,



Kathryn A. Marra - Attorney

Reg. No. 39106

Telephone 313-665-4708

Enc: PTO 1449 (& attachments)

INFORMATION DISCLOSURE CITATION WITH DOCUMENT COPIES

Submitted by:

General Motors Corporation

Atty. Docket No.

GP-303624

Serial No.

10/806675

Applicant

PEI-CHUNG WANG

Filing Date

March 23, 2004

Group

1725

U.S. PATENT DOCUMENTS

Exam. Init.	Document Number	Date	Name	Class	Sub Class	Filing Date (if approp.)

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Matsuda et al.; "Metal Transfer Characteristics in Pulsed GMA Welding", Transactions of JWRI, published by Welding Research Institute of Osaka University, Osaka, Japan, received April 30, 1983, pp 9-17

M. Amin, "Pulse Current Parameters for Arc Stability and Controlled Metal Transfer in Arc Welding", Metal Construction, May 1983, pp 272-278

Dr. C.J. Allum, "MIG Welding - Time for Reassessment", Metal Construction, June 1983, pp 347-353

N. Jacobsen, "Monopulse Investigation of Drop Detachment in Pulsed Gas Metal Arc Welding", J Phys. D: Appl. Phys. 25 (1992) pp. 783-797

S. Rajasekaran et al. "Molten Droplet Detachment Characteristics in Steady and Pulsed Current GMA Welding Al-Mg Alloys", American Welding Society (1995), pp 207-224

F. L. Zhu et al., "Effect of Weld Current on Droplet Generation and Weld Pool Dynamics in Gas Metal Arc Welding", Manufacturing Systems Research Lab, MSR-053, 3 April 2003, pp 1-21

Examiner

[Date Considered]

***Examiner: Initial if reference considered whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.**